

Two Skyline Place Suite 800

ENGINEERING REPORT

5203 Leesburg Pike Falls Church, Virginia 22041

West Virginia Board of Trustees Huntington, West Virginia

EXHIBIT 8

FURTHER RESPONSES TO PART 26 OF FCC FORM 340

This proposal is categorically excluded from the environmental processing since it does not involve a site location specified under Section 1.1307(a)(1)-(8) of the Commission's Rules.

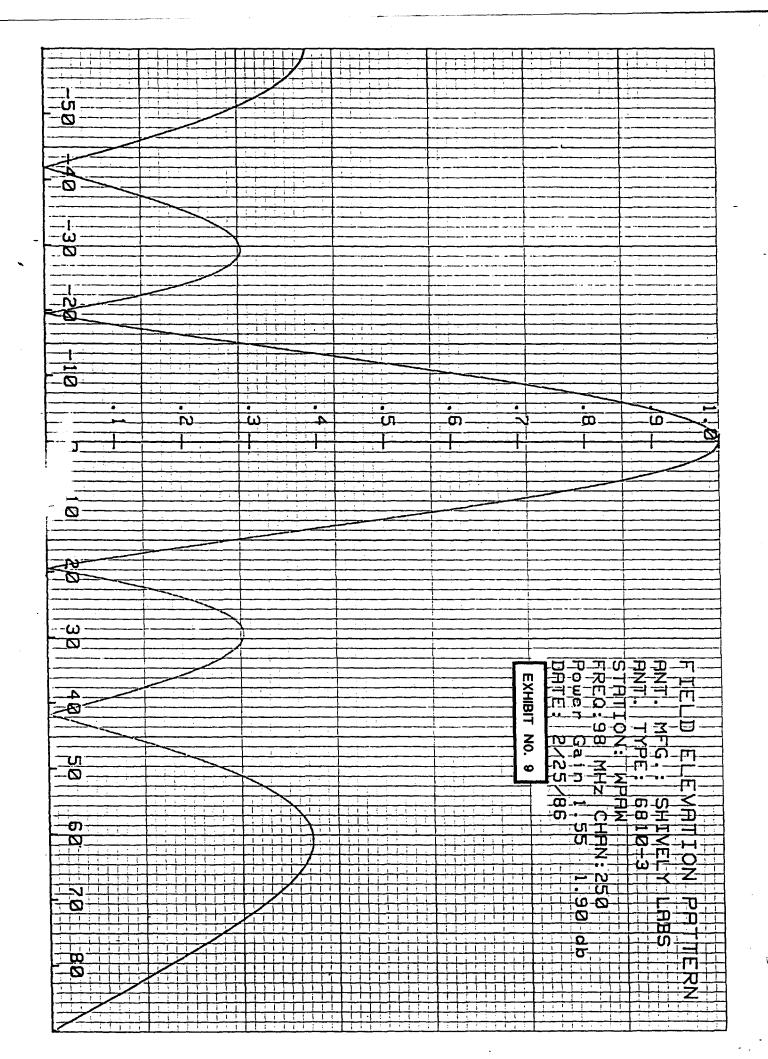
A calculation of electromagnetic radiation was performed for the proposed operation. For the proposal, the calculation employs 9.0 kilowatts, vertically and horizonally polarized, with a relative field value of 0.4 taken from Exhibit 9. The calculation for the proposed operation is taken from the FCC/OST Bulletin 65 ("Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radiofrequency Radiation", October, 1985).

$$S = \frac{(1.64)(0.64)(F^2)(ERP_h + ERP_v)(1000)}{\pi R^2} = \frac{(1.64)(0.64)(0.4^2)(18000)(1000)}{\pi (2,300^2)}$$
$$= 0.182 \text{ mW/cm}^2 \qquad (18.2 \text{ f ANSI})$$

As shown from the above results, the electromagnetic radiation from this proposed operation will be below the standard set by the Human Exposure Guide (ANSI C95.1, 1982) near ground level. Warning signs will be posted and a fence will be built around the tower base to prevent access by the public to those places where electromagnetic radiation will exceed the standards.

The antenna input power will be reduced or shut off as necessary when authorized persons dimb the tower to ensure that these persons are not subject to electromagnetic radiation that exceed the ANSI limit.

As a result of the above statements, therefore, grant of this application would be a minor action as defined by Section 1.1306 of the Commission's Rules.





MOFFET, LARSON & JOHNSON, INC. CONSULTING TELECOMMUNICATIONS ENGINEERS

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West Virginia Board of Trustees Huntington, West Virginia

AFFIDAVIT

COUNTY OF FAIRFAX)	
) S	S
COMMONWEALTH OF VIRGINIA)	

WILLIAM A. HAMMAN, being duly sworn upon oath deposes and says:

That he is employed as a Project Engineer by the firm of Moffet, Larson & Johnson, Inc., consulting telecommunications engineers;

That this firm has been retained by West Virginia Board of Trustees to prepare this engineering statement;

That he has either prepared or directly supervised the preparation of all technical information contained in this engineering statement; and that the facts stated in this engineering statement are true of his knowledge, except as to such statements as are herein stated to be on information and belief, and as to such statements he believes them to be true.

William A. Hamman

Subscribed and sworn to before me this 21th day of October, 1992.

Notary Public

My Commission expires July 31, 1996.

:My Comm. Exps. July 31, 1996

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West Virginia Board of Trustees Huntington, West Virginia

<u>AFFIDAVIT</u>

COUNTY OF FAIRFAX)
) SS:
COMMONWEALTH OF VIRGINIA)

I, A. RICHARD BURKE, having been duly sworn, do hereby depose and state as follows:

I am employed as the Executive Vice President by the firm Moffet, Larson & Johnson, Inc., consulting telecommunications engineers;

That this firm has been retained by West Virginia Board of Trustees to prepare this engineering statement;

I have prepared or directly supervised preparation of the attached report; that the facts stated in this engineering statement are true of my knowledge, except as to such statements as are herein stated to be on information or belief, and as to such statements I believe them to be true and correct.

Subscribed and sworn to before me this 21th day of October, 1992.

My Commission expires July 31, 1996.

COMMEALTH OF My Comm. Exps. July 31, 1996

SUSAN V

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1.	Does the applicant propose to employ five or more full-time employees? N/A	Yes	No
	If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).		
S 1	ECTION VII - CERTFICATION		
1,	. Has or will the applicant comply with the public notice requirements of 47 CF.R. Section 73.3580?	Yes	□ No
2	By checking Yes, the applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862, or, in the case of a non-individual applicant (e.g., corporation, partneship or other unincorporated association), no party to the application is subject to a denial of federal benefits includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, a 47 CFR. Section 1.2002(b).	or- ofits	No

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or idelaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant University of West Virginia Board of Trustees	Title	President Marshall University	
Signature	Date	October 22, 1992	
J. Wade Hilley			

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of this application is in the public interest. In reaching that determination, or for law enforcement purposes, it may be necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, processing of the application may be delayed or the application may be returned without action pursuant to the Commission's rules, Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 78 to 302 hours 20 minutes with an average of 171 hours 36 minutes per response. These estimates includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Information Resources Branch, Room 416, Paperwork Reduction Project, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0034), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-879, DECEMBER 31, 1974, 5 U.S.C. 552a(eX3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.